

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1911	428/137.ccls.	US-PGPUB; USPAT	OR	ON	2009/05/19 14:28
S2	1	2007US-590514	DERWENT	OR	ON	2009/04/28 11:04
S4	1	2007US-590514	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/28 11:05
S5	1	2003JP-342533	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2009/04/28 11:15
S6	799	(pressure adj sensitive) and (storage adj modulus)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:17
S7	345	(pressure adj sensitive) and (storage adj modulus) and (hole aperature (through \$1hole) (through adj hole) slit porous)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:20
S8	295	(pressure adj sensitive) and (storage adj modulus) and (hole aperature (through \$1hole) (through adj hole) porous)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:20
S9	187	(pressure adj sensitive) and (storage adj modulus) and (hole aperature (through \$1hole) (through adj hole))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:20
S10	187	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (hole aperature (through \$1hole) (through adj hole))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:21
S11	121	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and Pa and (hole aperature (through \$1hole) (through adj hole))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:22
S12	187	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (hole aperature (through \$1hole) (through adj hole)) and temperature	US-PGPUB; USPAT	OR	ON	2009/04/28 11:22
S13	34	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (hole aperature (through \$1hole) (through adj hole)) and ((max maxiumum) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:22

S14	3	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (laser same (hole aperature (through\$1hole) (through adj hole))) and ((max maximum) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:23
S15	8	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (laser same (hole aperature (through\$1hole) (through adj hole)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:24
S16	48	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (laser and (hole aperature (through\$1hole) (through adj hole)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:26
S17	85	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (laser and (hole aperature (through\$1hole) (through adj hole porous slit)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:31
S18	57	((pressure adj sensitive) pressure\$1sensitive) and (storage adj modulus) and (laser and (hole aperature (through\$1hole) (through adj hole slit)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:33
S19	254	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and (laser and (hole aperature (through\$1hole) (through adj hole slit)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:37
S20	59	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and (laser same (hole aperature (through\$1hole) (through adj hole slit)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:37
S21	54	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and (laser same (hole aperature (through\$1hole) (through adj hole)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:38
S22	8	((elastic storage) adj modulus) and (laser same (hole aperature (through\$1hole) (through adj hole))) and (decal sticker)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:41

S23	9	((elastic storage) adj modulus) and (laser and (hole aperature (through\$1hole) (through adj hole))) and (decal sticker)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:42
S24	2699	((elastic storage) adj modulus) and (laser and (hole aperature (through\$1hole) (through adj hole)))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:43
S25	681	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and (hole aperature (through \$1hole) (through adj hole))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:43
S26	138	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((through\$1hole) (through adj hole))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:44
S27	48	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((through\$1hole) (through adj hole)) and laser	US-PGPUB; USPAT	OR	ON	2009/04/28 11:44
S28	1	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((through\$1hole) (through adj hole)) and (decal sticker)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:45
S29	7	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((hole aperature through \$1hole) (through adj hole)) and (decal sticker)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:47
S30	102	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((hole aperature through \$1hole) (through adj hole)) and (decal sticker label)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:48
S31	118	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole)) and (decal sticker label)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:49
S32	9	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole)) and (decal sticker)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:49

S33	65	((pressure adj sensitive) pressure\$1sensitive) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole porous)) and ((maximum max) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:52
S34	1	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive adj sheet)) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole porous)) and ((maximum max) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/28 11:55
S35	31	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive adj sheet)) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole porous))	US-PGPUB; USPAT	OR	ON	2009/04/28 11:55
S36	18	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive adj sheet)) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole) pore)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:06
S37	791	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole) pore)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:12
S38	58	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole) pore) and (((max maximum) adj temperature) or Tmax)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:13
S39	791	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and ((perforat\$4 hole aperature through\$1hole) (through adj hole) pore)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:15

S40	61	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and (((perforat\$4 aperature through\$1hole) (through adj hole) pore) same laser)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:20
S41	312	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and ((perforat\$4 aperature through \$1hole) (through adj hole))	US-PGPUB; USPAT	OR	ON	2009/04/28 12:33
S42	255	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and ((perforat\$4 aperature through \$1hole) (through adj hole)) and (diameter radius)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:33
S43	58	((pressure adj sensitive) pressure\$1sensitive) adj (adhesive)) and ((elastic storage) adj modulus) and ((perforat\$4 aperature through \$1hole) (through adj hole)) with (diameter radius)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:34
S44	11	((pressure adj sensitive) pressure\$1sensitive).ab. and ((elastic storage) adj modulus) and ((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:35
S45	41	((pressure adj sensitive) pressure\$1sensitive) and (((elastic storage) adj modulus) same temperature) and ((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:38
S46	53	((pressure adj sensitive) pressure\$1sensitive) and (((elastic storage) adj modulus) same temperature) and ((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:44
S47	191	(film resin paper foil laminate) and (((elastic storage) adj modulus) same temperature) and ((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)	US-PGPUB; USPAT	OR	ON	2009/04/28 12:46

S48	124	(film resin paper foil laminate) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:46
S49	124	(film resin paper foil laminate) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:46
S50	124	(film resin paper laminate) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:47
S51	124	(film resin paper) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:47
S52	63	(film resin paper).ab. and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:48
S53	44	(film sheet paper).ab. and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:50
S54	13	(sheet paper).ab. and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 12:51
S55	65	(sheet paper film).ab. and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size))	US-PGPUB; USPAT	OR	ON	2009/04/28 12:52

S56	146	((sheet paper film mesh web layer) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer))) or paper) and (((elastic storage) adj modulus same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:04
S57	124	((sheet paper film mesh web layer) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modulus same temperature) and (((perforat\$4 aperature through\$1hole) (through adj hole)) with (diameter radius size)))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:04
S58	124	((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene \$6acrylic) (ethylene\$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modulus same	US-PGPUB; USPAT	OR	ON	2009/04/28 13:05

		temperature) and (((perforat\$4 perature through\$1hole) (through adj hole)) with (diameter radius size))				
S59	124	(((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 perature through\$1hole) (through adj hole)) with (diameter radius size))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:07
S60	55	(((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 perature through\$1hole)) with (diameter radius size))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:09

S61	124	(((((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))))) and (((elastic storage) adj modulus) same temperature) and (((perforat\$4 aperature through\$1hole (through adj hole))) with (diameter radius size)))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:16
S62	26	(((((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))))) and (((elastic storage) adj modulus) same temperature) and (perforat\$4 aperature through\$1hole (through adj hole)).ab.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:16
S63	228	(((((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj	US-PGPUB; USPAT	OR	ON	2009/04/28 13:20

		elastomer)))) and (((elastic storage) adj modulus) same temperature) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening)).ab.				
S64	245	(((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modul\$2) same temperature) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening)).ab.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:31
S65	174	(((sheet paper film mesh web layer laminate) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modul\$2) same temperature) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening)).ab. not delivery	US-PGPUB; USPAT	OR	ON	2009/04/28 13:31

S66	151	((sheet paper film web) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modul\$2) same temperature) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening)).ab.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:33
S67	83	((sheet paper film web) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic storage) adj modul\$2) same temperature) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening)).ab. and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/28 13:33
S68	265	((sheet paper film web) with (polyethylene polypropylene polyolefin polyester (polyethylene adj terephthalate) (polybutylene adj terephthalate) (polyvinyl adj chloride) PVC polystyrene polyurethane polycarbonate polyamide polyimide (polymethyl adj methacrylate) (ethylene\$1vinyl adj acetate) (ethylene\$6acrylic) (ethylene \$6acrylate) (ABS adj resin) (ionomer adj resin) (thermoplastic adj elastomer)))) and (((elastic	US-PGPUB; USPAT	OR	ON	2009/04/28 13:38

		storage) adj modul\$2) and temperature) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening)).ab. and adhesive				
S69	57	((((elastic storage) adj modul \$2) and temperature) and lintec.as.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:40
S70	2508255	((((elastic storage) adj modul \$2) and temperature) and lintec.as. (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:41
S71	10	((((elastic storage) adj modul \$2) and temperature) and lintec.as. and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable opening))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:41
S72	9	((((elastic storage) adj modul \$2) and temperature) and lintec.as. and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:42
S73	920	((((elastic storage) adj modul \$2) and temperature) and (pressure\$1sensitive or (pressure adj sensitive)) and (perforat\$4 aperature through \$1hole (through adj hole pore porous permeable))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:43
S74	810	((((elastic storage) adj modul \$2) and temperature) and ((pressure\$1sensitive or (pressure adj sensitive)) adj (adhesive)) and (perforat\$4 aperature through\$1hole (through adj hole pore porous permeable))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:44
S75	36	((((elastic storage) adj modul \$2) and temperature) and ((pressure\$1sensitive or (pressure adj sensitive)) adj (adhesive adj sheet)) and (perforat\$4 aperature through \$1hole (through adj hole pore porous permeable))	US-PGPUB; USPAT	OR	ON	2009/04/28 13:44

S76	15	((((elastic storage) adj modul \$2) and temperature) and ((pressure\$1sensitive or (pressure adj sensitive)) adj (adhesive adj sheet)) and (perforat\$4 aperature through \$1hole (through adj hole) pore)	US-PGPUB; USPAT	OR	ON	2009/04/28 13:48
S77	9	((((elastic storage) adj modul \$2) and temperature) and ((pressure\$1sensitive or (pressure adj sensitive)) adj (adhesive adj sheet)) and (perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable) and (diameter radi\$2 width size). cm.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:50
S78	1586	((((elastic storage) adj modul \$2) and temperature) and adhesive and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) and (diameter radi \$2 width size).cm.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:53
S79	1560	((sheet paper film mesh web layer laminate) and (((elastic storage) adj modul\$2) and temperature) and adhesive and (perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable) and (diameter radi\$2 width size). cm.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:54
S80	697	((sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2) and temperature) and adhesive and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) and (diameter radi \$2 width size).cm.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:54
S81	326	((sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2) same temperature) and adhesive and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) and (diameter radi \$2 width size).cm.	US-PGPUB; USPAT	OR	ON	2009/04/28 13:54

S82	300	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2) same temperature) and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) and (diameter radi \$2 width size).clm. not wafer	US-PGPUB; USPAT	OR	ON	2009/04/28 13:55
S83	322	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2) same temperature) and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) with (diameter radi \$2 width size)) not wafer	US-PGPUB; USPAT	OR	ON	2009/04/28 13:57
S84	164	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2) same temperature) and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) with (diameter radi \$2 width)) not wafer	US-PGPUB; USPAT	OR	ON	2009/04/28 14:01
S85	73	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2) same temperature) and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable) with (diameter radi \$2 width)) not wafer not magnetic	US-PGPUB; USPAT	OR	ON	2009/04/28 14:02
S86	10	((US-20060189763-\$ or US-20040013141-\$ or US-20020193724-\$ or US-20040186214-\$ or US-20030224149-\$).did. or (US-5004590-\$ or US-4789699-\$ or US-6252010-\$ or US-5004643-\$ or US-4613643-\$).did.	US-PGPUB; USPAT	OR	ON	2009/04/28 14:09
S87	10	S86 and ((elastic storage) adj modul\$2)	US-PGPUB; USPAT	OR	ON	2009/04/28 14:10
S88	496	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2)) and adhesive and ((max maximum peak) adj2 temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:24

S89	113	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2)) same ((max maximum peak) adj2 temperature)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/29 08:25
S90	285	S88 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:27
S91	60	S89 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:27
S92	101	S88 and (pressure\$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:29
S93	1436	(((elastic storage) adj modul \$2)) and adhesive and ((max maximum peak) adj2 temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:31
S94	863	S93 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:31
S95	154	S94 and (pressure\$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:31
S97	118	S95 and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:36
S98	572	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent))) and adhesive and ((max maximum peak) adj2 temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:38
S99	423	S98 and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:38
S100	84	S99 and (pressure\$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:38
S101	648	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent)) or tan adj delta and adhesive and ((max maximum peak) adj2 temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:42
S102	474	S101 and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:43
S103	86	S102 and (pressure\$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:43
S104	45	S103 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:44

S105	682	(sheet paper film mesh web layer laminate).ab. and (((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj delta) and adhesive and ((max maximum peak) adj2 temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:48
S106	497	S105 and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:48
S107	90	S106 and (pressure\$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:48
S108	1897	((((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj delta) and adhesive and ((max maximum peak) adj2 temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:49
S109	1348	S108 and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:49
S110	265	S109 and (pressure\$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:50
S111	131	S110 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:51
S112	176	S109 and (pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:55
S113	94	S112 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:56
S114	1	S112 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent).ab.	US-PGPUB; USPAT	OR	ON	2009/04/29 08:56
S115	3	S110 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent).ab.	US-PGPUB; USPAT	OR	ON	2009/04/29 08:57
S116	8272	(perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent opening).ab. and (pressure \$1sensitive or (pressure adj sensitive))	US-PGPUB; USPAT	OR	ON	2009/04/29 08:58
S117	164	S116 and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj delta)	US-PGPUB; USPAT	OR	ON	2009/04/29 08:59

S118	8272	((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent opening).ab. and (pressure \$1sensitive or (pressure adj sensitive)) and (perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent opening))	US-PGPUB; USPAT	OR	ON	2009/04/29 09:01
S119	164	S118 and (((((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj delta)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:01
S120	15545	((pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent) and (diameter width radi\$2 size)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:24
S121	980	S120 and (((((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj delta)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:24
S122	3981	((pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent) with (diameter width radi\$2 size))	US-PGPUB; USPAT	OR	ON	2009/04/29 09:25
S123	327	S122 and (((((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj delta)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:26
S124	4997	((pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent) and (diameter width radi\$2 size).clm.)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:27
S125	1721	((pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent) and (diameter width radi\$2 size)).clm.	US-PGPUB; USPAT	OR	ON	2009/04/29 09:27

S126	549	(pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent) with (diameter width radi\$2 size)).clm.	US-PGPUB; USPAT	OR	ON	2009/04/29 09:27
S127	643	(pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent) same (diameter width radi\$2 size)).clm.	US-PGPUB; USPAT	OR	ON	2009/04/29 09:27
S128	35	S127 and (((((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or (tan adj delta)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:28
S129	10	S127 and (((((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or (tan adj delta) same temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 09:31
S130	454	(pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm.	US-PGPUB; USPAT	OR	ON	2009/04/29 09:38
S131	400	(pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm. and adhesive	US-PGPUB; USPAT	OR	ON	2009/04/29 09:39
S132	91	(pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm. and adhesive and (angstrom micron nanometer).clm.	US-PGPUB; USPAT	OR	ON	2009/04/29 09:39
S133	0	"4906240".pn. and (pore with (distance density amount (frequency spaced))	US-PGPUB; USPAT	OR	ON	2009/04/29 09:45

S134	0	"4906240".pn. and (pore with (distance density amount (frequency spaced apart width)))	US-PGPUB; USPAT	OR	ON	2009/04/29 09:46
S135	1	"4906240".pn. and pore	US-PGPUB; USPAT	OR	ON	2009/04/29 09:46
S136	1	"4704130".pn. and (pore with (distance density amount (frequency spaced)))	US-PGPUB; USPAT	OR	ON	2009/04/29 09:47
S137	4	((pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue wound dressing bandage) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm. and adhesive and (angstrom micron nanometer).clm. and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same laser)	US-PGPUB; USPAT	OR	ON	2009/04/29 11:17
S139	27	((pressure\$1sensitive or (pressure adj sensitive)) and (medical skin tissue dressing bandage) and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm. and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent) same laser)	US-PGPUB; USPAT	OR	ON	2009/04/29 11:34
S140	92	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm. and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent) same laser)	US-PGPUB; USPAT	OR	ON	2009/04/29 11:40
S141	7	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).clm. and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent) same laser) and (((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)	US-PGPUB; USPAT	OR	ON	2009/04/29 11:41

S142	33	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).cm. and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent)) and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)	US-PGPUB; USPAT	OR	ON	2009/04/29 11:47
S143	9	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)).cm. and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent)) and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and "120"	US-PGPUB; USPAT	OR	ON	2009/04/29 11:54
S144	567	((pressure\$1sensitive or (pressure adj sensitive)) and adhesive and ((perforat\$4 aperature through\$1hole (through adj hole) pore void vent)) and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and "120"	US-PGPUB; USPAT	OR	ON	2009/04/29 12:08
S145	308	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and "120"	US-PGPUB; USPAT	OR	ON	2009/04/29 12:09
S146	22	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) same "120")	US-PGPUB; USPAT	OR	ON	2009/04/29 12:09

S147	0	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibrational adj damper) and ((high elevated raised) adj temperature))	US-PGPUB; USPAT	OR	ON	2009/04/29 12:25
S148	0	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibrational adj damper) and ((high elevated raised) adj temperature))	US-PGPUB; USPAT	OR	ON	2009/04/29 12:26
S149	0	((pressure\$1sensitive or (pressure adj sensitive)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibrational adj damper) and ((high elevated raised) adj temperature))	US-PGPUB; USPAT	OR	ON	2009/04/29 12:26
S150	0	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent) same (diameter width radi\$2 size)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibrational adj damper) and ((high elevated raised) adj temperature))	US-PGPUB; USPAT	OR	ON	2009/04/29 12:27
S151	0	((pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibrational adj damper) and ((high elevated raised) adj temperature))	US-PGPUB; USPAT	OR	ON	2009/04/29 12:27

S152	0	(pressure\$1sensitive or (pressure adj sensitive)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibrationl adj damper) and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 12:27
S153	37	(pressure\$1sensitive or (pressure adj sensitive)) and adhesive and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibration adj damper) and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 12:27
S154	14	(pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void vent)) and adhesive and (((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (vibration adj damper) and ((high elevated raised) adj temperature)	US-PGPUB; USPAT	OR	ON	2009/04/29 12:28
S155	164	(pressure\$1sensitive or (pressure adj sensitive)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore void)) and adhesive and polydiorganosiloxane	US-PGPUB; USPAT	OR	ON	2009/04/29 12:37
S156	69	(pressure\$1sensitive or (pressure adj sensitive)) and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same (diameter width radi\$2 size)) and adhesive and polydiorganosiloxane	US-PGPUB; USPAT	OR	ON	2009/04/29 12:39
S157	9	(pressure\$1sensitive or (pressure adj sensitive)) and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same (diameter width radi\$2 size)).cm. and adhesive and polydiorganosiloxane	US-PGPUB; USPAT	OR	ON	2009/04/29 12:41
S158	43	(pressure\$1sensitive or (pressure adj sensitive)) and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same (diameter width radi\$2 size)).cm. and adhesive and polysiloxane	US-PGPUB; USPAT	OR	ON	2009/04/29 12:45

S159	5	(pressure\$1sensitive or (pressure adj sensitive)) and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same (diameter width radi\$2 size)).dlm. and adhesive and polysiloxane and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same laser)	US-PGPUB; USPAT	OR	ON	2009/04/29 12:52
S160	48	(pressure\$1sensitive or (pressure adj sensitive)) and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same (diameter width radi\$2 size)) and adhesive and polysiloxane and (((perforat\$4 aperature through \$1hole (through adj hole) pore void)) same laser)	US-PGPUB; USPAT	OR	ON	2009/04/29 12:52
S161	24	(US-20060189763-\$ or US-20040013141-\$ or US-20020193724-\$ or US-20040186214-\$ or US-20030224149-\$ or US-20020013442-\$ or US-20060173111-\$ or US-20010053648-\$ or US-20040191476-\$ or US-20010051782-\$).did. or (US-4789699-\$ or US-6252010-\$ or US-5004643-\$ or US-4613643-\$ or US-4906240-\$ or US-3824998-\$ or US-4986496-\$ or US-6238762-\$ or US-6635334-\$ or US-5691037-\$ or US-5351940-\$ or US-6664359-\$ or US-5147916-\$ or US-5032450-\$).did.	US-PGPUB; USPAT	OR	ON	2009/04/29 14:25
S162	22	S161 and (((perforat\$4 aperature through \$1hole (through adj hole) pore void))	US-PGPUB; USPAT	OR	ON	2009/04/29 14:26
S163	16	S161 and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or (tan adj \$1delta\$1)	US-PGPUB; USPAT	OR	ON	2009/04/29 14:27
S164	14	S162 and S163	US-PGPUB; USPAT	OR	ON	2009/04/29 14:27
S165	19	S161 and (((perforat\$4 aperature through \$1hole (through adj hole) pore void) same (diameter width radi\$2 size)))	US-PGPUB; USPAT	OR	ON	2009/04/29 14:30
S166	11	S165 and S163	US-PGPUB; USPAT	OR	ON	2009/04/29 14:30

S167	232	(sheet paper film mesh web laminate).ab. and (((elastic storage) adj modul\$2)) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable) and (diameter radi\$2 width size)).cm.	US-PGPUB; USPAT	OR	ON	2009/04/29 14:58
S168	308	(sheet paper film mesh web laminate).ab. and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and ((perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable) and (diameter radi\$2 width size)).cm.	US-PGPUB; USPAT	OR	ON	2009/04/29 14:58
S169	208	(sheet paper film mesh web laminate).ab. and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and ((perforat\$4 aperature through \$1hole (through adj hole) pore) and (diameter radi\$2 width size)).cm.	US-PGPUB; USPAT	OR	ON	2009/04/29 14:59
S170	93	(sheet paper film mesh web laminate).ab. and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and ((perforat\$4 aperature through \$1hole (through adj hole)) and (diameter radi\$2 width size)).cm.	US-PGPUB; USPAT	OR	ON	2009/04/29 15:00
S171	1147	(sheet paper film mesh web laminate).ab. and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and ((perforat\$4 aperature through \$1hole (through adj hole)) and (diameter radi\$2 width size))	US-PGPUB; USPAT	OR	ON	2009/04/29 15:04
S172	288	(sheet paper film mesh web laminate).ab. and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and ((perforat\$4 aperature through \$1hole (through adj hole)) with (diameter radi\$2 width size))	US-PGPUB; USPAT	OR	ON	2009/04/29 15:04

S173	298	(US-20010006726-\$ or US- 20010009696-\$ or US- 20010019765-\$ or US- 20010023264-\$ or US- 20010041166-\$ or US- 20010044024-\$ or US- 20010051264-\$ or US- 20010053814-\$ or US- 20010055678-\$ or US- 20020019454-\$ or US- 20020045043-\$ or US- 20020090482-\$ or US- 20020155244-\$ or US- 20020192462-\$ or US- 20020192463-\$ or US- 20020195199-\$ or US- 20030004266-\$ or US- 20030017330-\$ or US- 20030017331-\$ or US- 20030026979-\$ or US- 20030032715-\$ or US- 20030059565-\$ or US- 20030069377-\$ or US- 20030082371-\$ or US- 20030083415-\$ or US- 20030091816-\$).did. or (US- 20030091837-\$ or US- 20030104199-\$ or US- 20030108736-\$ or US- 20030124346-\$ or US- 20030143389-\$ or US- 20030152767-\$ or US- 20030162886-\$ or US- 20030175512-\$ or US- 20030190464-\$ or US- 20030203193-\$ or US- 20030224160-\$ or US- 20040000370-\$ or US- 20040003883-\$ or US- 20040016504-\$ or US- 20040019127-\$ or US- 20040033362-\$ or US- 20040038020-\$ or US- 20040058151-\$ or US- 20040071919-\$ or US- 20040091713-\$ or US- 20040096651-\$ or US- 20040126574-\$ or US- 20040142167-\$ or US- 20040177918-\$ or US- 20040191510-\$ or US- 20040213942-\$ or US- 20040213992-\$).did. or (US- 20040219193-\$ or US- 20040219336-\$ or US- 20040232563-\$ or US- 20040241434-\$ or US- 20040241910-\$ or US- 20040247655-\$ or US- 20040260007-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/04/29 15:13
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6106953-\$ or US-6123890-\$ or
US-6207272-\$ or US-3615992-

\$ or US-4248770-\$ or US-4302371-\$ or US-4376159-\$ or US-4376158-\$ or US-4833193-\$ or US-4839206-\$ or US-4921747-\$).did. or (US-4985499-\$ or US-4987186-\$ or US-5216069-\$ or US-5304418-\$ or US-5427850-\$ or US-5476565-\$ or US-5501785-\$ or US-5604034-\$ or US-5633078-\$ or US-5681654-\$ or US-5684113-\$ or US-5695867-\$ or US-5753362-\$ or US-5759679-\$ or US-5858521-\$ or US-5871829-\$ or US-5880800-\$ or US-5891285-\$ or US-5900465-\$ or US-5939190-\$ or US-5942578-\$ or US-5942299-\$ or US-5955512-\$ or US-6020408-\$ or US-6040048-\$ or US-6074729-\$ or US-6120866-\$). did. or (US-6130269-\$ or US-6139967-\$ or US-6190767-\$ or US-6197420-\$ or US-6211261-\$ or US-6277481-\$ or US-6284369-\$ or US-6299975-\$ or US-6315851-\$ or US-6325993-\$ or US-6329049-\$ or US-6335090-\$ or US-6337128-\$ or US-6357941-\$ or US-6358600-\$ or US-6368707-\$ or US-6376070-\$ or US-6403215-\$ or US-6410097-\$ or US-6414073-\$ or US-6423769-\$ or US-6440553-\$ or US-6440880-\$ or US-6444305-\$ or US-6451156-\$ or US-6455634-\$ or US-6465537-\$).did. or (US-6482489-\$ or US-6488803-\$ or US-6511466-\$ or US-6524701-\$ or US-6602599-\$ or US-6605345-\$ or US-6630536-\$ or US-6790310-\$ or US-6793762-\$ or US-6805953-\$ or US-6815076-\$ or US-6827997-\$ or US-6838150-\$ or US-6841587-\$ or US-6849149-\$ or US-6861139-\$ or US-6864295-\$ or US-6866928-\$ or US-6869678-\$ or US-6878441-\$ or US-6994904-\$ or US-6995193-\$ or US-6998175-\$ or US-7005183-\$ or US-7029550-\$ or US-7060339-\$ or US-7097892-\$). did. or (US-7109266-\$ or US-7135224-\$ or US-7147743-\$ or US-7163597-\$ or US-7214424-\$ or US-7223468-\$ or US-7250210-\$ or US-7287567-\$ or US-7317056-\$ or US-7326462-

		\$ or US-7332219-\$ or US-7338685-\$ or US-7338693-\$ or US-7371460-\$ or US-7374630-\$ or US-7374815-\$ or US-7385020-\$ or US-7393901-\$ or US-7396868-\$ or US-7449226-\$ or US-7491758-\$ or US-7508081-\$).did.				
S174	57	S173 and ((perforat\$4 aperture through\$1hole (through adj hole) pore void))	US-PGPUB; USPAT	OR	ON	2009/04/29 15:13
S175	71	S173 and (((elastic storage) adj modul\$2)) or (loss adj (modul\$2 tangent factor)) or (tan adj \$1delta\$1)	US-PGPUB; USPAT	OR	ON	2009/04/29 15:13
S176	11	S174 and S175	US-PGPUB; USPAT	OR	ON	2009/04/29 15:14
S177	0	JP-20030342533-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/30 15:49
S178	2	JP-2003342533-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/04/30 15:49
S179	2	("6180052" "4781962").pn.	US-PGPUB; USPAT	OR	ON	2009/05/13 08:50
S180	0	WO-200037249-\$.did. WO-199309741-\$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/13 08:56
S181	10	("6025535" "5989688" "6242074" "5522811" "5733628").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2009/05/13 09:00
S182	5	("6025535" "5989688" "6242074" "5522811" "5733628").pn.	US-PGPUB; USPAT	OR	ON	2009/05/13 09:00
S183	25	(US-20060189763-\$ or US-20040013141-\$ or US-20020193724-\$ or US-20040186214-\$ or US-20030224149-\$ or US-20020013442-\$ or US-20060173111-\$ or US-20010053648-\$ or US-20040191476-\$ or US-20010051782-\$ or US-20010050197-\$).did. or (US-4789699-\$ or US-6252010-\$ or US-5004643-\$ or US-4613643-\$ or US-4906240-\$ or US-3824998-\$ or US-4986496-\$ or US-6238762-\$ or US-6635334-\$ or US-5691037-\$ or US-5351940-\$ or US-6664359-\$ or US-5147916-\$ or US-5032450-\$).did.	US-PGPUB; USPAT	OR	ON	2009/05/19 08:32

S184	5	S183 and ((hole with density) (hole near2 inch) (hole near2 in) (hole near2 "in.sup.2") (hole near2 centimeter) (hole near2 cm) (hole near2 "cm. sup.2"))	US-PGPUB; USPAT	OR	ON	2009/05/19 08:34
S185	17	(((((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and S183	US-PGPUB; USPAT	OR	ON	2009/05/19 08:39
S186	5	S184 and S183	US-PGPUB; USPAT	OR	ON	2009/05/19 08:39
S187	4053	(((((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) and (adhesive adj layer)	US-PGPUB; USPAT	OR	ON	2009/05/19 09:08
S188	420	(((((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) with (adhesive adj layer)	US-PGPUB; USPAT	OR	ON	2009/05/19 09:08
S189	210	((((((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) with (adhesive adj layer)) and (pressure adj sensitive)	US-PGPUB; USPAT	OR	ON	2009/05/19 09:09
S190	81	((((((elastic storage) adj modul \$2)) or (loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1) with (adhesive adj layer)) and (pressure adj sensitive) and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening)	US-PGPUB; USPAT	OR	ON	2009/05/19 09:09
S191	8	((((((elastic storage) adj modul \$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive adj layer)) and (pressure adj sensitive) and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening)	US-PGPUB; USPAT	OR	ON	2009/05/19 09:43
S192	22	((((((elastic storage) adj modul \$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive adj layer)) and (pressure adj sensitive)	US-PGPUB; USPAT	OR	ON	2009/05/19 09:50

S193	27	(US-20060189763-\$ or US-20040013141-\$ or US-20020193724-\$ or US-20040186214-\$ or US-20030224149-\$ or US-20020013442-\$ or US-20060173111-\$ or US-20010053648-\$ or US-20040191476-\$ or US-20010051782-\$ or US-20010050197-\$).did. or (US-4789699-\$ or US-6252010-\$ or US-5004643-\$ or US-4613643-\$ or US-4906240-\$ or US-3824998-\$ or US-4986496-\$ or US-6238762-\$ or US-6635334-\$ or US-5691037-\$ or US-5351940-\$ or US-6664359-\$ or US-5147916-\$ or US-5032450-\$ or US-5905099-\$ or US-6706354-\$).did.	US-PGPUB; USPAT	OR	ON	2009/05/19 09:59
S194	14	S193 and (adhesive with (perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent opening))	US-PGPUB; USPAT	OR	ON	2009/05/19 09:59
S195	3	((US-20030054643-\$).did. or (US-5993961-\$ or US-6509076-\$).did.	US-PGPUB; USPAT	OR	ON	2009/05/19 10:01
S196	0	S195 and (adhesive with (perforat\$4 aperature through \$1hole (through adj hole) pore porous permeable void vent opening))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:01
S197	0	S195 and (layer with (perforat \$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:02
S198	0	S195 and (perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening)	US-PGPUB; USPAT	OR	ON	2009/05/19 10:02
S199	39	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening) with (adhesive))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:03

S200	25	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening) with layer))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:11
S201	12	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening) with (adhesive adj2 layer))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:16
S202	12	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening) with (adhesive adj2 (film layer))))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:23
S203	29	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and ((perforat\$4 aperature through\$1hole (through adj hole) pore porous permeable void vent opening) with (film layer))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:24
S204	5	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and (through adj hole)	US-PGPUB; USPAT	OR	ON	2009/05/19 10:27
S205	35	(((((elastic storage) adj modul\$2)) ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1)) with (adhesive)) and (pressure adj sensitive) and (through adj hole)	US-PGPUB; USPAT	OR	ON	2009/05/19 10:28

S206	24	(((((elastic storage) adj modul\$2)) and ((loss adj (modul\$2 tangent factor)) or tan adj \$1delta\$1))) with (adhesive)) and (pressure adj sensitive) and ((perforat\$4 aperature through\$1hole))	US-PGPUB; USPAT	OR	ON	2009/05/19 10:40
S207	204	(pressure adj sensitive) and ((perforat\$4 aperature through \$1hole)) and (laser near (processing drilling perforat \$4)) and adhesive	US-PGPUB; USPAT	OR	ON	2009/05/19 11:23
S208	39	(pressure adj sensitive) and ((perforat\$4 aperature through \$1hole)) and (laser near (processing drilling perforat \$4)) and (adhesive adj sheet)	US-PGPUB; USPAT	OR	ON	2009/05/19 11:23
S209	44	(pressure adj sensitive) and ((perforat\$4 aperature through \$1hole)) and (laser adj4 (processing drilling perforat\$4 treatment)) and (adhesive adj sheet)	US-PGPUB; USPAT	OR	ON	2009/05/19 11:30
S210	38	"6599967" "5613942" "5914282"	US-PGPUB; USPAT	OR	ON	2009/05/19 13:14
S211	3	("6599967" "5613942" "5914282").pn.	US-PGPUB; USPAT	OR	ON	2009/05/19 13:15
S212	54	(pressure adj sensitive) and ((perforat\$4 aperature through \$1hole)) and (laser near4 (processing drilling perforat\$4 treatment)) and (adhesive adj sheet)	US-PGPUB; USPAT	OR	ON	2009/05/19 13:16
S213	1	"6228485".pn.	US-PGPUB; USPAT	OR	ON	2009/05/19 13:19
S214	0	"6228485".pn. and laser	US-PGPUB; USPAT	OR	ON	2009/05/19 13:19
S215	1	"6627844".pn.	US-PGPUB; USPAT	OR	ON	2009/05/19 13:22

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